

CLAIMS

1. An injection molded object comprising:

a lactic acid based resin; and

5 a metal hydroxide in a ratio of 5 to 40 mass parts per 100 mass parts of the lactic acid based resin,

wherein the metal hydroxide is surface-treated, and Na_2O (w- Na_2O) present on a surface of grains of the metal hydroxide is 0.1 mass% or less based on the total mass of the metal 10 hydroxide.

2. The injection molded object according to claim 1, further comprising an aliphatic polyester other than the lactic acid based resin or an aromatic-aliphatic polyester in a ratio of 15 20 to 80 mass parts per 100 mass parts of the lactic acid based resin.

3. The injection molded object according to claim 1 or 2, further comprising an inorganic filler in a ratio of 1 to 20 20 mass parts per 100 mass parts of the lactic acid based resin.

4. The injection molded object according to any one of claims 1 to 3, wherein the metal hydroxide is surface-treated by at least one coating selected from the group consisting of coating 25 with a higher fatty acid, coating with a silane coupling agent,

coating with a titanate coupling agent, coating with a nitrate, sol-gel coating, silicone polymer coating, and resin coating.

5. The injection molded object according to any one of claims
5 1 to 4, wherein the injection molded object comprises a lactic acid based resin and a metal hydroxide surface-treated in a ratio of 5 to 40 mass parts per 100 mass parts of the lactic acid based resin, and has a degradation rate of 10% or less and an impact resistance of 5 kJ/m² or more.

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